TABLE OF CONTENTS

Volume 71

ARTICLES

BARR, ALAN G., K. M. KING, T. J. GILLESPIE, G. DEN HARTOG and H. H. NEUMANN / A Comparison of Bowen Ratio and Eddy Correlation Sensible and Latent Heat Flux Measurements above Deciduous Forest 21

BATCHVAROVA, EKATERINA and SVEN-ERIK GRYNING / An Applied Model for the Height of the Daytime Mixed Layer and the Entrainment Zone 311

BELJAARS, ANTON C. M. and PEDRO VITERBO / The Sensitivity of Winter Evaporation to the Formulation of Aerodynamic Resistance in the ECMWF Model 135

BETTS, ALAN K. / Relation Between Equilibrium Evaporation and the Saturation Pressure Budget 235

BOURQUE, C. P.-A. and P. A. ARP / Sulfur Dioxide Plume Dispersion and Subsequent Absorption by Coniferous Forests: Field Measurements and Model Calculations 151

DAGGUPATY, S. M., R. S. TANGIRALA and H. SAHOTA / BLFMESO – A 3-Dimensional Mesoscale Meteorological Model for Microcomputers 81

HEDDE, THIERRY and PIERRE DURAND / Turbulence Intensities and Bulk Coefficients in the Surface Layer above the Sea 415

JACOBS, A. F. G., J. H. VAN BOXEL, and R. M. M. EL-KILANI / Nighttime Free Convection Characteristics within a Plant Canopy 375

KATUL, GABRIEL G. / A Model for Sensible Heat Flux Probability Density Function for Near-Neutral and Slightly-Stable Atmospheric Flows 1

KAZANSKIY, A. B. and A. N. ZOLOTOKRYLIN / On the Missing Component in the Equation for the Land Surface Heat Balance as Applied to the Heat Exchange between the Desert or Semidesert Surface and the Atmosphere 189

LHOMME, J.-P., A. CHEHBOUNI, and B. MONTENY / Effective Parameters of Surface Energy Balance in Heterogeneous Landscape 297

MALINOWSKI, SZYMON P. and MONIQUE Y. LECLERC / Fractal Properties of Temperature Fluctuations in the Convective Surface Layer 169

MALM, JOAKIM and SERGEJ ZILITINKEVICH / Temperature Distribution and Current System in a Convectively Mixed Lake 219

MASTRANTONIO, G., A. P. VIOLA, S. ARGENTINI, G. FIOCCO, L. GIANNINI, L. ROSSINI, G. ABBATE, R. OCONE and M. CASONATO / Observations of Sea Breeze Events in Rome and the Surrounding Area by a Network of Doppler Sodars 67

MOYER, KERRY A. and GEORGE S. YOUNG / Observations of Mesoscale Cellular Convection from the Marine Stratocumulus Phase of 'FIRE' 109

PADRO, J., W. J. MASSMAN, R. H. SHAW, A. DELANY, and S. P. ONCLEY / A Comparison of Some Aerodynamic Resistance Methods Using Measurements over Cotton and Grass from the 1991 California Ozone Deposition Experiment 327
SULLIVAN, PETER P., JAMES C. McWILLIAMS, and CHIN-HOH MOENG / A Subgrid-Scale Model for Large-Eddy Simulation of Planetary Boundary-Layer Flows 247
VAN DEN BROEKE, MICHIEL R., PETER G. DUYNKERKE, and EDWIN A. C. HENNEKEN / Heat, Momentum and Moisture Budgets of the Katabatic Layer over the Melting Zone of the West Greenland Ice Sheet in Summer 393
WAYLAND, ROBERT J. and SETHU RAMAN / Structure of the Marine Atmospheric Boundary Layer during Two Cold Air Outbreaks of Varying Intensities: Gale 86 43
WYNGAARD, J. and B. KOSOVIC / Similarity of Structure-Function Parameters in the Stably Stratified Boundary Layer 277
YEE, EUGENE, R. CHAN, P. R. KOSTENIUK, G. M. CHANDLER, C. A. BILTOFT, and J. F. BOWERS / Concentration Fluctuation Measurements in Clouds Released from a Quasi-Instantaneous Point Source in the Atmospheric Surface Layer 341

RESEARCH NOTES:
PARASNIS, SURENDRA S. and SAVITA B. MORWAL / A Convectively-Driven Boundary Layer in the Monsoon Trough 197
HSU, S. A. / A Verification of Two Shear Velocity Equations for the Wind-Wave Interaction in a Lake Environment 205
RAUPACH, M. R. / Simplified Expressions for Vegetation Roughness Length and Zero-Plane Displacement as Functions of Canopy Height and Area Index 211

Table of Contents 433
Author Index 435
Subject Index 437
The 'KLUWER' LaTeX Style File 217, 325, 439